

[Scdt] SCDT-FlexE Centre Weekly Tuesday Seminar-25.05.2021 at 7:30 PM

1 message

SCDT, IIT Kanpur <scdt@iitk.ac.in>
To: scdt@lists.iitk.ac.in

Sun, May 23, 2021 at 5:00 PM

Zoom Meeting for joining the webinar:

<https://zoom.us/j/99863678964?pwd=ZVJvdFN5T1UyQjdZbmxwS0htRUJOUT09>

Meeting ID: 998 6367 8964

Passcode: 064022

Dear Colleagues,

I would welcome you to attend the SCDT-FlexE Centre Weekly Tuesday Seminar by Dr. Sanjiv Sambandan who is one of the winners of the Innovation Challenge held earlier this year by our centre. The details of the seminar (to be given in webinar format) are given below:

Title: "Edible Electronic Pill for the Diagnosis of the Gastro-intestinal Tract"

Date: 25th May, 2021 (Tuesday)

Time: 7:30 PM to 8:30 PM

Presentation will be on zoom. The link is given above.

The talk abstract and a brief bio of the speaker are given below. Please join if you are in a position to do so.

With regards
S.K.I.

Abstract of talk sent by Dr. Sanjiv Sambandan:

In this talk Dr. Sambandan will introduce a new idea for health care that his lab has been working on. He and his team are imaging an edible electronic pill that is swallowed by a user. The pill measures analytes inside the gastro-intestinal tract and communicates this information to the outside world. It is then safely digested. Dr. Sambandan will discuss some engineering ideas for the materials, fabrication techniques, sensors, electronic interface, energy system and communication. All components need to be edible. This is very much work in progress.

About the Speaker:

Dr. Sanjiv Sambandan is an associate professor at the Department of Instrumentation and Applied Physics and the Department of Electronic Systems Engineering, IISc, Bangalore. He is also a joint faculty position at the Department of Engineering, University of Cambridge. Prior to academia, he was at Xerox Palo Alto Research Centre, CA, USA. He is the founder of openwater.in, a spin-off from his lab at IISc.

The idea contributed by Dr. Sambandan for the Innovation Challenge 2021 that was held by the National Centre for Flexible Electronics was adjudged as one of the top five "Good Ideas".

Scdt mailing list

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